

i2cmc519

NATURE
NOTE BOOK.
INTERLEAVED.

ALMA 1954 399

i2cmc519

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i2p1cmc519

- Margaret Deck -

- Book III -

August 13.

We found this flower growing on the rocks below the tennis court hill. I cannot find its name; it seems exactly the same as the pink rock primula growing on the precipice path, except that the leaves are different. Instead of growing in a rosette at the bottom, they are large, radical, and hairy. It seemed to be almost new.

On the bank opposite the post office we found a pink forget-me-not, pinker than I have ever found them. We also found a very pale pink mallard (the tall one) it was almost white. We saw one piece of the large kind of figwort

August 15.

yesterday we found a white scabious on the Waterworks Road; it was the first we had seen out.

Today we saw two new flowers on the path below the precipice. One was a shrub with downy leaves, and small white, purple-spotted flowers—*plectranthus*



2p4cm519



Blighted

- Cherry leaf -



Clavaria?

- Coral

Fungus -

Aug. 18. 1912.

2p5cm519

gerardianus (Labiatae) The upper lobe of the flower is divided into three divisions; and it is a curious fact that the two left divisions are spotted with purple, while the third is quite white. The flowers are quite small. The cherry leaf on the opposite page was found on Panther Hill. Most of the leaves of several trees were diseased in the same way. This kind of fungus grows out of the ground, and looks very like coral.

August 21.

Yesterday we saw quite a number of minivets in the compound. They are very brightly colored little birds; the male has a great deal of red on it, and the young and the female have bright yellow breasts. They generally seem to fly about several together, and very often have a king crow with them. This is the first time I have seen them here.

On the precipice path we found another orchid in flower. It is rather like

12p6cm519

Habenaria Edgeworthii, but the leaves are quite different. It has two broad, fleshy, dark green leaves which grow at the base of the stalk, and spread out over the ground. The flowers have a very sweet smell. We also found another kind of orchid without any leaves.

Aug. 23. Yesterday we found this small seedling with a patch of yellow at the end of each leaf.

The chielta
so far I have
"*Sweetia cordata*,"



is just coming out;
found two kinds—
and *Sweetia paniculata*.

Aug. 24. To-day we went to Panther Hill starting from here at eleven. We went down to the Saddle, and took a path to the left which took us right round to the other side of the Hill. The path led us through some beautiful grassy slopes, in which I saw several orchids, but nearly all of them were green. I found one pink one — *Satyrion nepalense*, but it was nearly over.

12p7cm519



Nepeta

August 25



SEP: 11

isp8me519



-Sunflower-

-September 6-

isp9me519

In some rocks I found a short shrubby plant, somewhat resembling white knapweed. The flowers were very much the same, and the leaves were alternate, entire, and very numerous.

There were several bushes of Traveler's joy, the first I have seen here. There seems to be none in Thandani.

Pedicularis is getting over now; I found a fine white piece. I found a third kind of chivetta - "Svertia tetragona". The flowers are rather like "Svertia paniculata", only each petal has two green glands, and two small, faint mauve marks just above. I looked everywhere for sunflowers which have been found near the saddle, but I found none. Golden rod is just coming out.

I found a kind of hawkweed but cannot find its name. The flowers were yellow, about half an inch in diameter, and arranged alternately up the stalk; they were sessile. The whole plant grew about 1/2 - 2 ft. high.

2p110me519

Sep. 6. On Tuesday the 3rd. we went to Picnic Point, going by the path leading from Hula-ka-dunna Saddle. I found about seventeen new flowers altogether, several of which I had never seen before. We were especially looking out for sunflowers, but we found none. From Picnic Point we went on to the Forest Bungalow, and came back by the signpost.

There is a good deal of this flower out now (*Prenanthes Brunoniana*). The flowers themselves are very pretty, but the plant is very straggling, and the leaves are chiefly radical. It varies a good deal; sometimes the stems are smooth and sometimes hairy; sometimes the leaves are simple and oblong, and sometimes variously cut into several lobes.

2p110me519



*Prenanthes
Brunoniana.*

- Sep. 6. 1912 -



Maidenhair

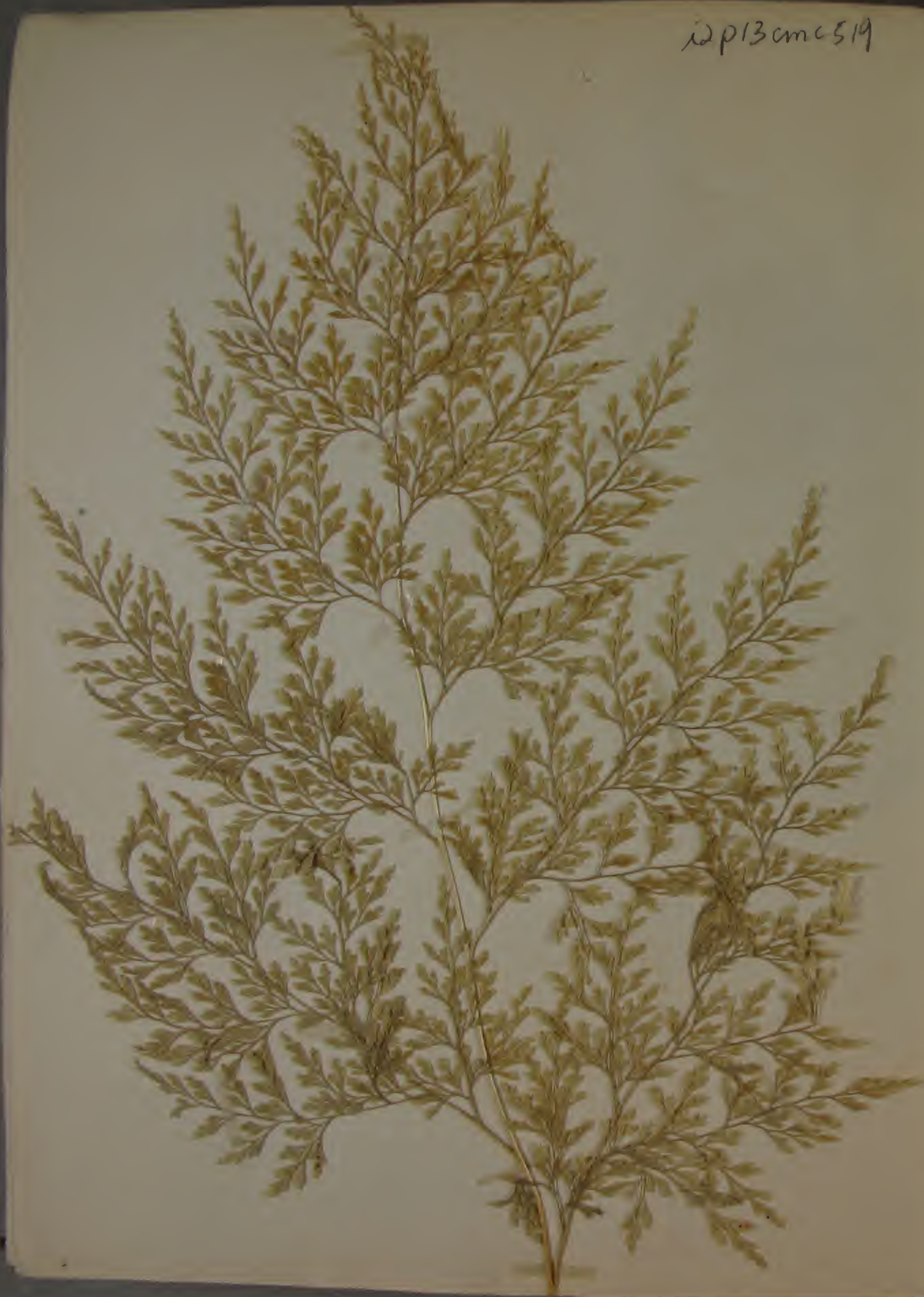
FERNS

12 p/2cm 519

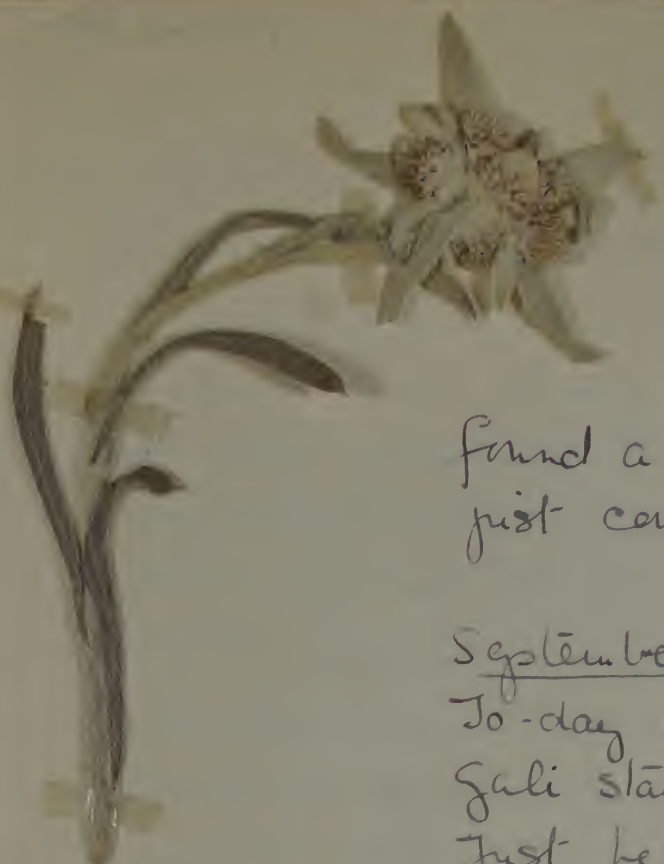


Asplenium
Trichomanes

2p13mc519



2p14mc519



Panther Hill - Aug 24.

Most of the edelweiss
seems to be over, but we
found a few pieces which were
just coming out.

September 10.

To-day we went towards Kathia
Gali starting at about 11 am.

Just before we got to the

Sign Post - we saw on our right quite a
number of monkeys, the first I have seen.

They were a good way down the hill
so we could not see them very clearly.

They were jumping about in the trees, and
running up and down them, but they
seemed very shy and frightened and ran
away when they saw us.

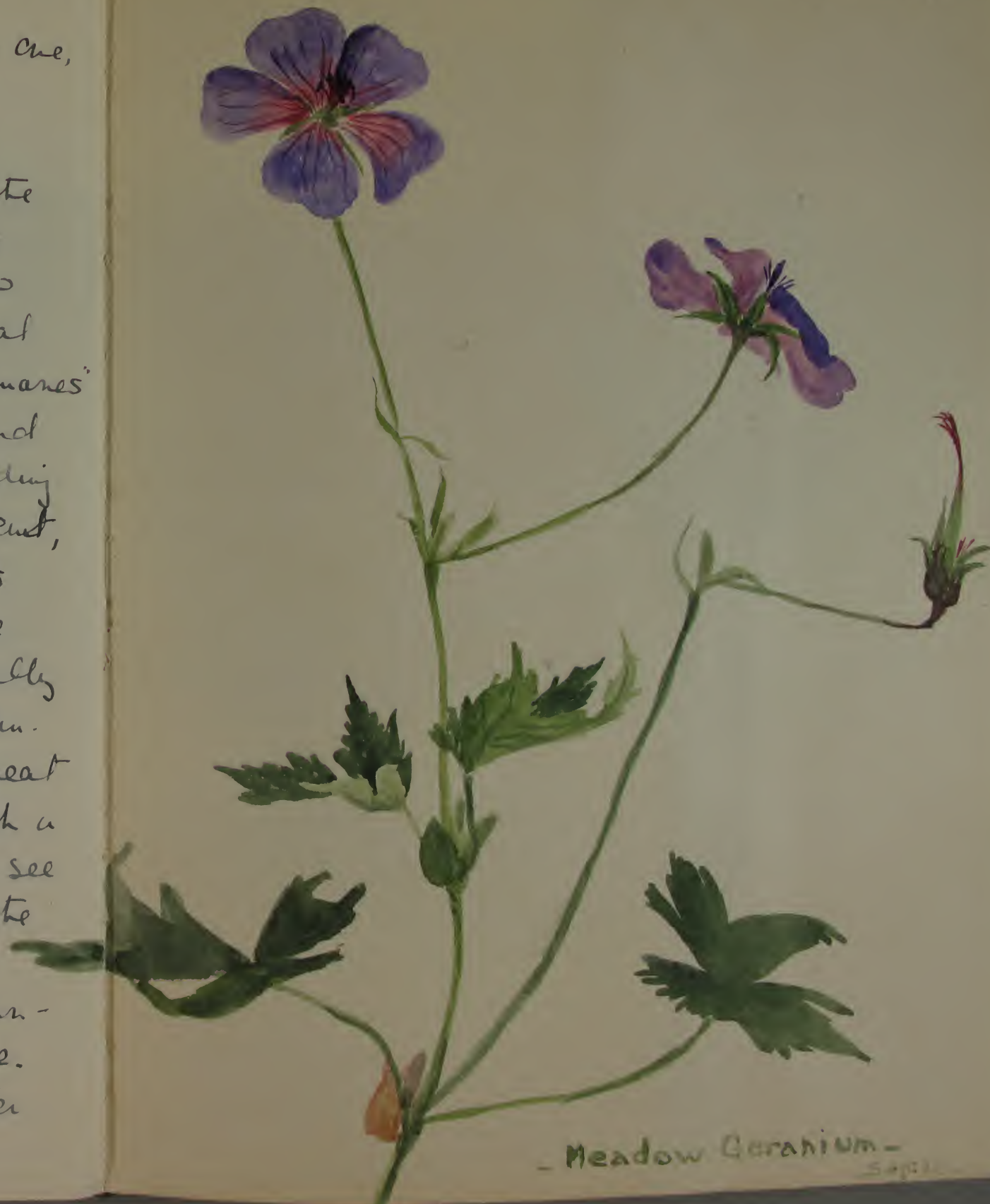
When we got to the Forest Bungalow Hill
we took the old path to the right which
runs through banks crowded with all
kinds of flowers - bistort, carex, bell, nepeta, etc.

12p15cm6519

Further on the path joined the new one, and this we followed some way. There were not many flowers like found as the path led through the forest nearly all the way, but the ferns were lovely. Maiden hair grew all along the banks, and in several places we found "asplenium trichomanes" growing in the rocks. We also found several plants of no: 2 on the preceding page.

The trees were magnificent, some of them were just beginning to get their autumn tints. There were several cedars; in one place especially there were quite a number of them. On our way back we heard a great many tree-frogs; they make such a noise, but are very difficult to see on account of their being almost the same color as the bark of the trees. However, after one or two unsuccessful attempts, we caught one. They are a little bit like a ratter

12p16cm6519



Meadow Geranium -

2p/7emc519



FRUIT
of the
Cobra Plant—
Arisaema Wallichianum—

September 13, 1912.

2p/8emc519

large moth. (See book II for illustration)

Oct. 13. To-day we went for a picnic at the corner just before the sign post, where there is such a splendid view of Atlatlahuaya. There were quite a number of vultures hovering about, several flew just over our heads so that we had a very good view of them. They sailed along in the air, the whole afternoon I never saw one flapping its wings.

I found two pieces of white nepelā — the small bird.

There is a great deal more snow on the mountains this morning, some are white which have been without snow since June.

Oct. 15. Yesterday we went to Panther Hill Saddle, took the path to the right which runs along right to the end, and then worked our way up to the head of the panther. On the way up I found some blue gentians, only one plant of them. Pedicularis grows in abundance there, but it is getting over now.

isp19cm1519

The pretty little pale pink Lalsam grows almost everywhere on Panther Hill, though I have never found it on Thandiani. It also grows below Thandiani on the other side, on the path from Hula-ka-dunna to Picnic Point.

We walked all along the ridge and came down again to the Saddle reaching it at about 6 pm. In the rocks, coming down, we found several more of the blue Gentians, they are just nicely out now.

On the top of the hill I found a kind of white garlic, its heads of flowers somewhat resembling scabious. (Wild Onion)

Both going and coming back we saw monkeys jumping about in the trees. They always seem very shy, and run down the trees when they see us, I suppose they think they are better hidden by the undergrowth.

We saw a pine-marten running down the khud a good way below us. It was a pretty little animal, thickly covered with reddish brown fur.

isp20cm1519



Gentiana Kurroo

- Panther Hill -

- Sept.

Wild Onion -

isp21mcs19



Sep. 20.

isp22mcs19

Oct. 19. Yesterday we went again to Panther Hill. We went to the Saddle, and up the ridge from there. We found quite a lot of gentians, (see page before) they are coming out very nicely now. The pedicularis is practically over. We went along the top, and down a steep, stony path just in the neck of the panther. On the rocks there we found a small greenish white flower, rather like stone-crop, only the leaves grew in rosettes and were fleshy. We found a great many sunflowers, (page 4) which we have looked for for ever so long, but have never been able to find where they grew. We saw a great many edelweiss plants, but the flowers are quite over by now.

Oct. 23. To-day we went past the sign-post towards Kala Pani.

I found a late violet still in flower. A great deal of strobilanthes was growing on either side of the path.

isp23cm519

Sep. 24.

To-day we started
for our four days
camping expedition on
Panther Hill.

We camped for the
first two nights on
the spur running out
from the head, on the
night. At night I

heard the owl which
gives two whistling
looks at a time, the
next two always
being at exactly the

same time afterwards - six seconds as a rule.

The next day we went for a delightful
walk under some tremendously high and
rocky precipices. We were shown a bear's
cave high up in the rock, it was a long
narrow hole, but we saw no bears. However
they had been seen a few weeks before.

I found a good deal of the ribbon fern -



-Gentiana
Koroo-

-Panther Hill-

isp24cm519



Alpine fleabane?

Sep. 20.



-RIBBON
FERN-

Strabilarthes



SEP. 25

Altogether I found three new flowers - a blue sage, dodder, and a truly deep purple *Convolvulus* which grows abundantly in the fields lower down, but that was the first time I had seen it.

The gentians are lovely on Panther Hill now, I have found them nowhere else.

I found a great deal of a flower very like a white knapweed, growing in the rocks on Panther Hill. (see next page)

Sep. 30. To-day we spent at Hula-ka-duna.

The flowers are getting very much over now.

The ferns are turning a most lovely yellowish brown colour, especially that rather like parsley fern, which is very common. The pink ice plant is now out on the precipice path.

The daisies illustrated on the page before, grow very plentifully on James' Hill. When the heads of flowers open, they are white, but later on, just as the flowers are fading, they turn mauve, both the white ray florets, and the yellow disc florets.

22p27mc519

October 8.

To-day we left Thandiani. There are very few flowers left, of which ragwort is the most abundant. On the way down to Abbotabad I saw several flowers which I had not seen in Thandiani, and which generally grow in fields. I saw a good deal of the lovely mauve convolvulus (see next page) it is generally found in fields, and varies very much in colour; sometimes it is a deep pink, sometimes purple, and very often dark blue. The leaves are few and small.

22p28mc519



September 22

isp29cm519



October 2.

- CONVULVULUS -

- October 26. 1912 -

isp30cm519

This pink rock plant was almost the last to flower before we left. The leaves are thick and fleshy, and as the flower comes out, they seem to wither away and turn brown.

This convolvulus I found growing as a weed in the compound in Lahore. I was very glad to find it as I have not had an opportunity of painting it before.

1913.

Lucknow.

January 11. I found this flower growing by the side of the road near the river. The flower itself is rather like a yellow poppy, but the leaves are just like those of a thistle.

I have not found the name of the small scrophulariaceae, I found it growing in several of the ruined walls of the Residency. Yesterday we went on the River Gunty, a tributary of the Ganges. By the side of the water there was corn growing, and in it, a great deal of mustard.

LUCKNOW.



From the
Residency Grounds.

i2p33cm519

- Dehra Dun -



- JANUARY 24. 1913 -

i2p34cm519



- Ageratum -

- JANUARY 30 -

2p35 cmc 519



Yellow Balsam.

- July 30, 1913 -

2p36 cmc 519

- Thandiani -

I did not come up until the middle of June, so most of the early flowers, such as the peony, large saxifage, mauve primula, violet, horse chestnut, cherry blossom + sycamore, were over.

The white Lellebrine and Clematis, usually in flower on the way up earlier in the year, were also over.

The cobra plants were all out; this year I have found a good deal more of the small yellow one, (see next page but one) it seems much the most scarce.

July 30. This yellow balsam is out earlier this year than last, as are also most of the flowers. I suppose it is because we have had much more rain. Roscoe alpina is quite over now, it came out about the beginning of July when the Rain began, and lasts only a very short time, about a fortnight or three weeks. Monk's hood and the large campanulas are just coming out. On Monday we found Habenaria Edgeworthii, the small campanula,

Spirea canescens, and *Regula foraniana*.

Yesterday we went to the Sigpost, and on the way passed a stump of a tree covered with tiny lichen stools. There must have been hundreds, if not thousands of them. We found a white speedwell.

July 31. Yesterday we went to Hula-ka-dunna, and found the small white daisy in flower for the first time. We found a brown puff-ball, covered with minute spines, and at the top there was a small hole out of which the spores could be shaken out like powder. They were brownish green in colour.

August 1. We followed the small stream near Hula-ka-dunna Saddle, and found a great many lichen stools and fungi growing on the decaying tree stumps and logs lying in the water. Among them was a puff ball with a small hole at the top, out of which it sent its spores. We found a good deal of white willow herb, it was just like the ordinary pink one, only it had white flowers, which I think is a rare occurrence.



- July 31st 1913 -

- COBRA PLANTS -

2p38cm19



- Arisaema
flavum -

- JUNE 25 -



- Arisaema Wallichianum -
and leaf -

- Arisaema
Jaquemanli -

- JUNE 25 -

-Hound's Tongue-



August 13, 1913-

August 6.

The clematis with cream colored bell shaped flowers is just coming out. Markshood and yellow bell are also just out.

The bees are very busy getting honey, they seem especially fond of the pink labrums, there always seem to be crowds of them flying in and out.

Aug: 20th.

On Monday we went to the Forest Bungalows Hill, where the flowers grow very plentifully. Arum ones are still out there, and much finer ones than are to be found at this end of Mandiani. Pteranites is just coming out; the white leaf has been out a few days. The berries on the following grass we found growing in quantities on a bush; they look like something like blackberries, and yet like raspberries. They have very little flavor, but are soft, and seem like ripe in spite of their sourness.

We saw several large woody figs growing on a rotten stump, about six or seven inches across. They were pale brown, but turned a reddish purple when touched.

22p44mc519

Sept. 1st Last Saturday we spent the day at Panther Hill. We left here at half past nine in the morning, went down to the Saddle, and then followed the path to the right which runs round the hill. The flowers there differ considerably from those we found here, although the two hills were so close together. At the Saddle there is a great deal of the pretty little pink halsam, which is much more delicate than the ordinary large pink one. Round the far side we followed a small path which led through masses of yellow halsams for ever so far, I have never seen such quantities. Red, white and pink bistort, large pieces of blue regela, regvat, tall mallows, red potentillas, meadow cransbills, and wild sunflowers grew in masses on the top of the hill. We found a great many edelweiss roots, but all the flowers were over. A smaller second crop comes up later on in September. The blue gentians are not yet out. We passed a large walnut tree with a great many walnuts on it, but they were not quite ripe. We got caught

22p42mc519



Wild Raspberries

AUGUST 20th

i2p430mc519



Small
White
Teasle

- Sep. 16 -

- Sep: 27. 1913 -

i2p440mc519



Ragwort

September
25. 1913

isp45amc519



Fruit of a cobra plant.

Said to blister the face.

Weight - $5\frac{1}{2}$ ozs.

Found on the other side of Panther Hill, growing under the roots of a tree.

September 24

isp46amc519

in a sharp thunderstorm on the top, but after about two hours it cleared up again and turned quite fine. The ferns we passed were lovely. Maiden hair grew everywhere, and in the rocks we found spleenwort, and polypods, and a little ribbon fern here and there. The wulfenia was magnificent, I have never seen such large pieces. On the way home we saw some monkeys running up the hill, and climbing about in the trees. They are not often to be seen.

Sep 7. Yesterday I saw a snake that had just been killed.

Sep: 14. Yesterday we spent at Panther Hill. We started at 10 am. and went along the path round Panther Hill; when we got round the head, we climbed up to the top, came along the ridge, and down the end to the Saddle. The flowers were not nearly so fine as they were last time I went; the wild sunflowers were quite over. I found some lovely gentians (*Gentiana Harmsii*) growing on the rocks, and two or three late

isp47mc519

pieces of caterpillars. We found a large crimson
caterpillar crawling on the path, with a silver
elbowed head.

isp48mc519



Cowslip.

MAY 2.

isp49mc519

Villiers sur Marne



Tassel Hyacinth
(Muscari Comosum)

JUNE 4. 1914.

JUNE 8. 1914.

isp50mc519

June 8th. Everything is much more advanced here than in England. The hayfields are full of flowers — clover, marguerite, daisies, yellow daisies, buttercups, ladies' finger and several others including many tall grasses. The wild roses and bramble are also in flower. I found the flower on the opposite page growing in a field, I think it is a kind of onion. The wild strawberries (fraises des bois) are ripe, they are quite large and have a delicious flavour.

Yesterday I found two wild irises growing by the side of a pond, but it was too wet to get them.

DEVONPORT.



Skeleton of a leaf.

The Death of the Flowers.

The melancholy days are come, the saddest of the year,
Of wailing winds, and naked woods, and meadows brown and sere.
Heaped in the hollows of the grove, the autumn leaves lie dead;
They rustle to the eddying gust, and to the rabbit's tread.
The robin and the wren are flown, and from the shrubs the jay,
And from the wood-top calls the crow through all the gloomy day.

William Cullen Bryant.

AUTUMN 1914.

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Front of Frond.



Back of Frond
showing spores.

- Spore-bearing Fern -

- September 27, 1914 -

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Sep. 25.



Sep. 25.



Oct. 12.

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The Growth of an Acorn.



October 2.



October 8.



October 17.

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Iris
Berries—

October 11, 1914.

изр56см519



ROWAN LEAVES—

—in Autumn—

1916.

657010519



Sea Aster.

July 28, 1923.

Sea Plantain.

distinguished by its long fleshy

grooved leaves.

July 29, 1923.

657010519

